

What is claimed is:

Claims

1. A gasket comprising:

a metal substrate disposed along an outer perimeter of the gasket;

an elastomeric bead disposed along at least a part of an interior perimeter of the metal substrate;

an elastomeric ring disposed along the metal substrate, wherein the elastomeric ring has an inner diameter that is smaller than an outer diameter of a fastener.

2. The gasket of claim 1, wherein a plurality of teeth disposed along an outer perimeter of the elastomeric bead correspond with a plurality of grooves disposed along at least a section of the interior perimeter of the metal substrate.
3. The gasket of claim 1, wherein a plurality of teeth disposed along an outer perimeter of the elastomeric ring correspond with a plurality of grooves disposed along at least a segment of the interior perimeter of the metal substrate.
4. The gasket of claim 1, wherein the elastomeric bead and the elastomeric ring are formed of a continuous rubber material that is formed on the metal substrate.
5. The gasket of claim 1, further comprising a depression formed in the metal substrate.
6. The gasket of claim 1, wherein the gasket is capable of fitting to a flange having a fastener hole, such that when the fastener is inserted through the fastener hole and the elastomeric ring, the gasket and fastener are sufficiently attached to the flange to permit installation of the fastener without the gasket and fastener falling off the flange.
7. The gasket of claim 6, wherein the gasket is disposable between an engine cover and an oil pick-up tube attached to the flange.

8. A gasket comprising:

a metal substrate disposed along an outer perimeter of the gasket, wherein the metal substrate has a plurality of grooves disposed along an interior perimeter of the metal substrate;

an elastomer comprising a bead and a ring disposed along an interior perimeter of the elastomeric seal, wherein a plurality of teeth are formed along an outer perimeter of the elastomer, wherein the plurality of teeth are formed in the plurality of grooves, and wherein the ring has an inner diameter that is smaller than an outer diameter of a fastener.

9. The gasket of claim 8, further comprising a depression formed in the metal substrate.

10. The gasket of claim 8, wherein the gasket is capable of fitting to a flange having a fastener hole, such that when the fastener is inserted through the fastener hole and the ring, the gasket and fastener are sufficiently attached to the flange to permit installation of the fastener without the gasket and fastener falling off the flange.

11. The gasket of claim 8, wherein the gasket is disposable between an engine cover and an oil pick-up tube attached to the flange.

12. The gasket of claim 8, wherein the elastomer is injection molded onto the metal substrate.

13. A gasket comprising:

a metal substrate disposed along an outer perimeter of the gasket, wherein the metal substrate has a plurality of grooves disposed along an interior perimeter of the metal substrate;

an elastomeric bead comprising a plurality of teeth disposed along an outer perimeter of the elastomeric bead, wherein the elastomeric bead is disposed along the interior perimeter of the metal substrate, and wherein the plurality of teeth are disposed in some of the plurality of grooves;

a first elastomeric ring comprising at least two teeth disposed along an outer perimeter of the first elastomeric ring, wherein the first elastomeric ring is disposed along the interior perimeter and near a first end of the metal substrate, wherein the at least two teeth are disposed in at least two of the plurality of grooves, and wherein the first elastomeric ring has an inner diameter that is smaller than an outer diameter of a first fastener;

a second elastomeric ring comprising two or more teeth disposed along an outer perimeter of the second elastomeric ring, wherein the second elastomeric ring is disposed along the interior perimeter and near a second end of the metal substrate, wherein the two or more teeth are disposed in two or more of the plurality of grooves, and wherein the second elastomeric ring has an inner diameter that is smaller than an outer diameter of a second fastener.

14. The gasket of claim 13, wherein the elastomeric bead and the elastomeric ring are formed of a continuous rubber material that is formed on the metal substrate.

15. The gasket of claim 13, further comprising a depression formed in the metal substrate.

16. The gasket of claim 13, wherein the gasket is capable of fitting to a flange having a first fastener hole and a second fastener hole, such that when the first fastener is inserted through the first fastener hole and the first elastomeric ring and the second fastener is inserted through the second fastener hole and the second elastomeric ring, the gasket, the first fastener, and the second fastener are sufficiently attached to the flange to permit installation of the first fastener and the second fastener without the gasket and first fastener and the second fastener falling off the flange.

17. The gasket of claim 16, wherein the gasket is disposable between an engine cover and an oil pick-up tube attached to the flange.

18. The gasket of claim 13, wherein the elastomer is injection molded onto the metal substrate.